

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	27706	osmotic adj pressure	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/09 14:27
S2	756692	membrane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/09 14:28
S3	60442	"166"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/09 14:28
S4	48	S1 and S2 and S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/09 14:28
S5	208	osmotic adj cell	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/09 14:32
S6	4	S3 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/09 14:32
S7	2	("6313545").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/09 14:49
S8	200	((osmotic osmosis) same (valve with actuat \$3)) and membrane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/09 15:01

S9	209	("1536348"   "0148387"   "2602516"   "2762437"   "2809654"   "2849070"   "2945541"   "2981332"   "2981333"   "20020056553"   "20040020662"   "20040035590"   "20040060706"   "20040108107"   "20040112609"   "20040144544"   "20050110217"   "20050126776"   "20050252651"   "20060076150"   "20060113089"   "20060118296"   "20060175065"   "20060185849"   "20070021444"   "20070044962"   "20070246210"   "20070246212"   "20070246213"   "20070246225"   "20070246407"   "20080035330"   "20080041580"   "20080041581"   "20080041582"   "20080041588"   "20080066912"   "3477506"   "3845818"   "4287952"   "4491186"   "4813218"   "4974674"   "4998585"   "5273066"   "5333684"   "5337821"   "5435393"   "5673751"   "5730223"   "5803179"   "5896928"   "6112815"   "6112817"   "6227299"   "6253861"   "6305470"   "6343651"   "6371210"   "6431282"   "6478091"   "6505682"   "6516888"   "6622794"   "6644412"   "6679324"   "6695067"   "6719051"   "6786285"   "6817416"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/09 15:07
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		"6834725"   "6851560"   "6857475"   "6857476"   "6883613"   "6886634"   "6907937"   "7013979"   "7059401"   "7063162"   "7083162"   "7096945"   "7096945"   "7100686"   "7108083"   "7185706"   "7191833"   "7207386"   "7215594"   "7252153"   "7290606"   "7296597"   "7367395"   "7426962").PN.				
S10	11	S9 and (osmotic osmosis membrane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/09 15:09
S11	123404	wellbore downhole borehole subterranean	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/09 15:31
S12	5	S11 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/09 15:32
S13	2605	((166/50) or (166/319) or (166/320) or (166/313)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/09 15:37
S14	308502	permeable semi? permeable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/09 16:31
S15	97243	osmosis osmotic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/09 16:31
S16	16807	S14 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/09 16:31
S17	291869	valve and ((control control\$3) near flow)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/09 16:31
S18	1174	S16 and S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/09 16:31

S19	90	S11 and S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/09 16:32
S20	26	("4830765"   "4851394"   "5041225"   "5141920"   "5260269"   "5501276"   "5635458"   "5686396").PN. OR ("6069118").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/09 17:03
S21	793986	osmotic osmosis membrane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/10 12:08
S22	2344984	valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/10 12:08
S23	2605	((166/50) or (166/319) or (166/320) or (166/313)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/10 12:08
S24	39	S21 and S22 and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/10 12:08
S25	4	(osmotic adj cell) with (valve) with (actuat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/10 12:42
S27	6	osmotic with pressure with valve with actuat \$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/10 14:35
S28	793986	osmotic osmosis membrane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/10 15:21
S29	16534	S28 and (valve with actuat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/10 15:21
S30	449	osmosis same pressure same valve same (controll\$3 actuat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/10 15:28
S31	249	S30 same membrane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/10 15:28

S32	752	(osmotic osmosis) and (wellbore downhole ((underground subterranean) near well) borehole)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/10 15:43
S33	422	S32 and membrane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/10 15:43
S34	222	S33 and valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/10 15:43
S35	24	("20040123985"   "3301323"   "3646997"   "4751966"   "4889819"   "4899819"   "5134118"   "5168928"   "5370185"   "5663121"   "5698772"   "5806592"   "5964293"   "6009747"   "6052520"   "6063738"   "6089318"   "6247358"   "6422325"   "6609067"   "6703351").PN. OR ("6994164").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/10 16:06
S36	1	(pfeffer adj cell)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/10 16:24
S37	19	osmotic adj unit	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/10 16:25
S38	166	osmotic adj cell	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/10 16:25
S39	0	osmotic near valve near actuat\$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/10 16:27
S42	1845	(osmotic adj pressure) with (difference differential)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/16 09:54
S43	1220596	valve with (activat\$3 actuat\$3 open\$3 clos \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/16 09:55
S44	246	S42 and S43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/16 09:55

S45	15	S42 same S43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/16 10:14
S46	208	osmotic adj cell	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/16 10:18
S47	2880	((137/78.3) or (137/67) or (137/68.11) or (137/455) or (251/12) or (251/14)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/16 10:23
S48	1317	(osmotic osmosis) and (membrane near3 (mov \$3 actuat\$3 displac\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/16 10:26
S49	668	S48 and valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/16 10:26
S50	243	(osmotic osmosis) same (membrane near3 (mov\$3 actuat\$3 displac\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/16 10:26
S51	2	S50 and "166"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/16 10:27
S52	24	S50 same valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/16 10:28
S53	30	(osmotic osmosis) with valve with inflow	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/16 10:33
S54	1	linear adj osmotic adj cell	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/16 10:44
S55	569	S42 with membrane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/16 10:50
S56	14	S55 same valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/16 10:51
S57	1	1983-763072.NRAN.	DERWENT	OR	ON	2009/09/16 10:58

S58	9455	osmotic adj pump	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/16 11:28
S59	7219	S58 and membrane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/16 11:28
S60	0	S59 and "166"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/16 11:28
S61	7	(osmotic adj pressure) with ((bulg\$3 displace \$3 mov\$3 movement displacement) near membrane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/16 11:44
S62	2243057	(osmotic adj pressure) (osmotic cell)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/16 14:15
S63	187796	(water h2o) with (salt nacl) with solution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/16 14:16
S64	27905	(osmotic adj pressure) (osmotic adj cell)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/16 14:17
S65	994	salt near block	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/16 14:17
S66	5	S63 and S64 and S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/16 14:17
S67	6284	S63 and S64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/16 14:18

S68	15	(US-20060261009-\$ or US-20080283238-\$ or US-20060185849-\$ or US-20070131434-\$ or US-20060175065-\$ or US-20060144700-\$). did. or (US-7455109-\$ or US-6069118-\$ or US-6313545-\$ or US-RE37867-\$ or US-6994164-\$ or US-3871990-\$ or US-6454759-\$). did. or (CN-2927035-\$ or SU-969958-\$). did.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/09/16 14:21
S69	3	S63 and S68	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/16 14:22
S75	2	("5151093").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/16 15:19

**EAST Search History (I nterference)**

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